



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/714,343

Source: IFWO

Date Processed by STIC: 7/7/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER  
VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND  
TRADEMARK OFFICE WEBSITE SEE BELOW FOR ADDRESS

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/efc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):  
U.S. Patent and Trademark Office, 220 20<sup>th</sup> Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby,  
Room 1B03, Arlington, VA 22202

Revised 05/17/04



IFWO

## RAW SEQUENCE LISTING

DATE: 07/07/2004

PATENT APPLICATION: US/10/714,343

TIME: 16:14:52

Input Set : A:\54275.8016.US01.ST25.txt

Output Set: N:\CRF4\07072004\J714343.raw

3 <110> APPLICANT: Zengen, Inc.  
 5 <120> TITLE OF INVENTION: Modified Alpha-MSH Peptides and Derviatives Thereof  
 7 <130> FILE REFERENCE: 54275.8016.US01  
 9 <140> CURRENT APPLICATION NUMBER: 10/714,343  
 10 <141> CURRENT FILING DATE: 2003-11-14  
 12 <160> NUMBER OF SEQ ID NOS: 46  
 14 <170> SOFTWARE: PatentIn version 3.1  
 16 <210> SEQ ID NO: 1  
 17 <211> LENGTH: 8  
 18 <212> TYPE: PRT  
 19 <213> ORGANISM: Artificial  
 22 <220> FEATURE:  
 23 <221> NAME/KEY: MISC\_FEATURE  
 24 <222> LOCATION: (7)..(7)  
 25 <223> OTHER INFORMATION: X is DPhe  
 28 <400> SEQUENCE: 1  
 W--> 30 His Phe Arg Trp Gly Lys Xaa Val  
 31 1 5  
 34 <210> SEQ ID NO: 2  
 35 <211> LENGTH: 8  
 36 <212> TYPE: PRT  
 37 <213> ORGANISM: Artificial Sequence  
 39 <220> FEATURE:  
 40 <223> OTHER INFORMATION: Designed Peptide  
 42 <220> FEATURE:  
 43 <221> NAME/KEY: MISC\_FEATURE  
 44 <222> LOCATION: (2)..(2)  
 45 <223> OTHER INFORMATION: X is Phe or DNal  
 48 <400> SEQUENCE: 2  
 W--> 50 His Xaa Phe Trp Gly Lys Pro Val  
 51 1 5  
 54 <210> SEQ ID NO: 3  
 55 <211> LENGTH: 8  
 56 <212> TYPE: PRT  
 57 <213> ORGANISM: Artificial  
 59 <220> FEATURE:  
 60 <221> NAME/KEY: MISC\_FEATURE  
 61 <222> LOCATION: (2)..(7)  
 62 <223> OTHER INFORMATION: X is Phe or DPhe  
 65 <400> SEQUENCE: 3  
 W--> 67 His Xaa Arg Trp Gly Lys Xaa Val  
 68 1 5  
 71 <210> SEQ ID NO: 4

*Handwritten notes:*  
 - pls see error explanation on page 6 (Pg. 6)  
 - mandatory, if (213) response is artificial/unknown, please explain in section 2207-2237.  
 Does Not Comply  
 Corrected Diskette Needed  
 (Pg. 1-5)  
 please define, as Xaa  
 Invalid response  
 What is the source of genetic material?  
 pls define, as Xaa  
 - same error, pls see error explanation on page 6.  
 - same error

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Input Set : A:\54275.8016.US01.ST25.txt

Output Set : N:\CRF4\07072004\J714343.raw

72 <211> LENGTH: 8  
 73 <212> TYPE: PRT  
 74 <213> ORGANISM: Artificial  
 76 <220> FEATURE:  
 77 <221> NAME/KEY: MISC\_FEATURE  
 78 <222> LOCATION: (7)..(7)  
 79 <223> OTHER INFORMATION: X is an amino acid bearing a non-polar fnc group.  
 82 <400> SEQUENCE: 4

W--&gt; 84 His Phe Arg Trp Gly Lys Xaa Val

85 1 5

88 &lt;210&gt; SEQ ID NO: 5

89 &lt;211&gt; LENGTH: 8

90 &lt;212&gt; TYPE: PRT

91 &lt;213&gt; ORGANISM: Artificial

93 &lt;220&gt; FEATURE:

94 &lt;221&gt; NAME/KEY: MISC\_FEATURE

95 &lt;222&gt; LOCATION: (8)..(8)

96 &lt;223&gt; OTHER INFORMATION: X is an aa other than val having a non-polar functional group

or

97 a hydrophobic functional group.

100 &lt;400&gt; SEQUENCE: 5

W--&gt; 102 His Phe Arg Trp Gly Lys Pro Xaa

103 1 5

106 &lt;210&gt; SEQ ID NO: 6

107 &lt;211&gt; LENGTH: 8

108 &lt;212&gt; TYPE: PRT

109 &lt;213&gt; ORGANISM: Artificial

111 &lt;220&gt; FEATURE:

112 &lt;221&gt; NAME/KEY: MISC\_FEATURE

113 &lt;222&gt; LOCATION: (6)..(6)

114 &lt;223&gt; OTHER INFORMATION: X is an aa, not including Lys, having a non-polar functional group

115 p.

118 &lt;400&gt; SEQUENCE: 6

W--&gt; 120 His Phe Arg Trp Gly Xaa Pro Val

121 1 5

124 &lt;210&gt; SEQ ID NO: 7

125 &lt;211&gt; LENGTH: 8

126 &lt;212&gt; TYPE: PRT

127 &lt;213&gt; ORGANISM: Artificial

129 &lt;220&gt; FEATURE:

130 &lt;221&gt; NAME/KEY: MISC\_FEATURE

131 &lt;222&gt; LOCATION: (7)..(7)

132 &lt;223&gt; OTHER INFORMATION: X is an aa with positively charged fuctionnal group.

135 &lt;400&gt; SEQUENCE: 7

W--&gt; 137 His Phe Arg Trp Gly Lys Xaa Val

138 1 5

141 &lt;210&gt; SEQ ID NO: 8

142 &lt;211&gt; LENGTH: 8

143 &lt;212&gt; TYPE: PRT

144 &lt;213&gt; ORGANISM: Artificial

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Input Set : A:\54275.8016.US01.ST25.txt

Output Set: N:\CRF4\07072004\J714343.raw

146 <220> FEATURE:  
 147 <221> NAME/KEY: MISC\_FEATURE  
 148 <222> LOCATION: (7)..(7)  
 149 <223> OTHER INFORMATION: X is an aa having a negatively charged functional group.  
 152 <400> SEQUENCE: 8  
 W--> 154 His Phe Arg Trp Gly Lys Xaa Val  
 155 1 5  
 158 <210> SEQ ID NO: 9  
 159 <211> LENGTH: 8  
 160 <212> TYPE: PRT  
 161 <213> ORGANISM: Artificial  
 163 <220> FEATURE:  
 164 <221> NAME/KEY: MISC\_FEATURE  
 165 <222> LOCATION: (2)..(7)  
 166 <223> OTHER INFORMATION: X at 2 is DPhe or DNal and X at 7 is an aa having a negatively charged functional group  
 167 arged functional group  
 170 <400> SEQUENCE: 9  
 W--> 172 His Xaa Arg Trp Gly Lys Xaa Val  
 173 1 5  
 176 <210> SEQ ID NO: 10  
 177 <211> LENGTH: 8  
 178 <212> TYPE: PRT  
 179 <213> ORGANISM: Artificial  
 181 <220> FEATURE:  
 182 <221> NAME/KEY: MISC\_FEATURE  
 183 <222> LOCATION: (4)..(4)  
 184 <223> OTHER INFORMATION: Trp is DTrp  
 187 <400> SEQUENCE: 10  
 189 His Phe Arg Trp Gly Lys Pro Val  
 190 1 5  
 193 <210> SEQ ID NO: 11  
 194 <211> LENGTH: 8  
 195 <212> TYPE: PRT  
 196 <213> ORGANISM: Artificial  
 198 <220> FEATURE:  
 199 <221> NAME/KEY: MISC\_FEATURE  
 200 <222> LOCATION: (7)..(7)  
 201 <223> OTHER INFORMATION: X is an uncharged functional group polar aa.  
 204 <400> SEQUENCE: 11  
 W--> 206 His Phe Arg Trp Gly Lys Xaa Val  
 207 1 5  
 210 <210> SEQ ID NO: 12  
 211 <211> LENGTH: 8  
 212 <212> TYPE: PRT  
 213 <213> ORGANISM: Artificial  
 215 <220> FEATURE:  
 216 <221> NAME/KEY: MISC\_FEATURE  
 217 <222> LOCATION: (2)..(7)  
 218 <223> OTHER INFORMATION: X at 2 is DPhe or DNal; X at 7 is an aa with an uncharged polar f

Same errors

Same errors

Same error

Same errors

Same errors

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Input Set : A:\54275.8016.US01.ST25.txt

Output Set: N:\CRF4\07072004\J714343.raw

219 unctional group.  
 222 <400> SEQUENCE: 12  
 W--> 224 His Xaa Arg Trp Gly Lys Xaa Val  
 225 1 5  
 228 <210> SEQ ID NO: 13  
 229 <211> LENGTH: 13  
 230 <212> TYPE: PRT  
 231 <213> ORGANISM: Homo sapiens  
 233 <400> SEQUENCE: 13  
 235 Ser Tyr Ser Met Glu His Phe Arg Trp Gly Lys Pro Val  
 236 1 5 10  
 239 <210> SEQ ID NO: 14  
 240 <211> LENGTH: 39  
 241 <212> TYPE: PRT  
 242 <213> ORGANISM: Homo sapiens  
 244 <400> SEQUENCE: 14  
 246 Ser Tyr Ser Met Glu His Phe Arg Trp Gly Lys Pro Val Gly Lys Lys  
 247 1 5 10 15  
 250 Arg Arg Pro Val Lys Val Tyr Pro Ala Lys Glu Asp Asp Glu Ala Ser  
 251 20 25 30  
 254 Glu Ala Phe Pro Leu Glu Phe  
 255 35  
 258 <210> SEQ ID NO: 15  
 259 <211> LENGTH: 7  
 260 <212> TYPE: PRT  
 261 <213> ORGANISM: Artificial  
 W--> 263 <220> FEATURE:  
 W--> 263 <223> OTHER INFORMATION:  
 W--> 263 <400> 15  
 265 Met Glu His Phe Arg Trp Gly  
 266 1 5  
 269 <210> SEQ ID NO: 16  
 270 <211> LENGTH: 3  
 271 <212> TYPE: PRT  
 272 <213> ORGANISM: Artificial  
 W--> 274 <220> FEATURE:  
 W--> 274 <223> OTHER INFORMATION:  
 W--> 274 <400> 16  
 276 Lys Pro Val  
 277 1  
 280 <210> SEQ ID NO: 17  
 281 <211> LENGTH: 4  
 282 <212> TYPE: PRT  
 283 <213> ORGANISM: Artificial  
 W--> 285 <220> FEATURE:  
 W--> 285 <223> OTHER INFORMATION:  
 W--> 285 <400> 17  
 287 His Phe Arg Trp  
 288 1

- pls explain

pls insert these (2)  
 numeric identifiers.  
 pls see error explanation  
 on page 6.

- Same error

- Same error

## RAW SEQUENCE LISTING

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PATENT APPLICATION: US/10/714,343

TIME: 16:14:52

Input Set : A:\54275.8016.US01.ST25.txt

Output Set: N:\CRF4\07072004\J714343.raw

291 <210> SEQ ID NO: 18  
 292 <211> LENGTH: 8  
 293 <212> TYPE: PRT  
 294 <213> ORGANISM: Artificial  
 296 <220> FEATURE:  
 297 <221> NAME/KEY: MISC\_FEATURE  
 298 <222> LOCATION: (8)..(8)  
 299 <223> OTHER INFORMATION: Val is DVal  
 302 <400> SEQUENCE: 18

304 His Phe Arg Trp Gly Lys Pro Val  
 305 1 5

308 <210> SEQ ID NO: 19

309 <211> LENGTH: 8

310 <212> TYPE: PRT

311 <213> ORGANISM: Artificial

W--> 313 <220> FEATURE:

W--> 313 <223> OTHER INFORMATION:

W--> 313 <400> 19

315 His Phe Arg Trp Gly Ala Pro Val  
 316 1 5

319 <210> SEQ ID NO: 20

320 <211> LENGTH: 8

321 <212> TYPE: PRT

322 <213> ORGANISM: Artificial

W--> 324 <220> FEATURE:

W--> 324 <223> OTHER INFORMATION:

W--> 324 <400> 20

326 His Phe Arg Trp Gly Lys Ala Val  
 327 1 5

330 <210> SEQ ID NO: 21

331 <211> LENGTH: 8

332 <212> TYPE: PRT

333 <213> ORGANISM: Artificial

W--> 335 <220> FEATURE:

W--> 335 <223> OTHER INFORMATION:

W--> 335 <400> 21

337 His Phe Arg Trp Gly Lys Pro Ala  
 338 1 5

341 <210> SEQ ID NO: 22

342 <211> LENGTH: 8

343 <212> TYPE: PRT

344 <213> ORGANISM: Artificial

346 <220> FEATURE:

347 <221> NAME/KEY: MISC\_FEATURE

348 <222> LOCATION: (2)..(2)

349 <223> OTHER INFORMATION: Phe is DPhe

352 <400> SEQUENCE: 22

354 His Phe Arg Trp Gly Lys Pro Val  
 355 1 5

The type of errors shown exist throughout  
 the Sequence Listing. Please check subsequent  
 sequences for similar errors.

RAW SEQUENCE LISTING ERROR SUMMARY  
 PATENT APPLICATION: US/10/714,343

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Input Set : A:\54275.8016.US01.ST25.txt  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 7  
 Seq#:2; Xaa Pos. 2  
 Seq#:3; Xaa Pos. 2,7  
 Seq#:4; Xaa Pos. 7  
 Seq#:5; Xaa Pos. 8  
 Seq#:6; Xaa Pos. 6  
 Seq#:7; Xaa Pos. 7  
 Seq#:8; Xaa Pos. 7  
 Seq#:9; Xaa Pos. 2,7  
 Seq#:11; Xaa Pos. 7  
 Seq#:12; Xaa Pos. 2,7  
 Seq#:23; Xaa Pos. 2  
 Seq#:27; Xaa Pos. 2  
 Seq#:28; Xaa Pos. 2  
 Seq#:30; Xaa Pos. 2  
 Seq#:32; Xaa Pos. 2  
 Seq#:37; Xaa Pos. 2  
 Seq#:38; Xaa Pos. 2  
 Seq#:42; Xaa Pos. 2  
 Seq#:44; Xaa Pos. 2  
 Seq#:46; Xaa Pos. 2

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,3,4,5,6,7,8,9,10,11,12,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30  
 Seq#:31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46

Use of <220> Feature (NEW RULES): **ERROR Explanation:** ✓  
 Sequence(s) are missing the <220> Feature and associated headings.  
 Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence" or "Unknown". Please explain source of genetic material in <220> to <223> section (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp.29631-32) (Sec.1.823 of new Rules)

Seq#:15,16,17,19,20,21,25,29,31,33,39,43,45

## VERIFICATION SUMMARY

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TIME: 16:14:53

Input Set : A:\54275.8016.US01.ST25.txt

Output Set: N:\CRF4\07072004\J714343.raw

L:30 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0  
L:50 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0  
L:67 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0  
L:84 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0  
L:102 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0  
L:120 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0  
L:137 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0  
L:154 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0  
L:172 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0  
L:206 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0  
L:224 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0  
L:263 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:15, <213>  
ORGANISM:Artificial  
L:263 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:15, <213>  
ORGANISM:Artificial  
L:263 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:15,Line#:263  
L:274 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:16, <213>  
ORGANISM:Artificial  
L:274 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:16, <213>  
ORGANISM:Artificial  
L:274 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:16,Line#:274  
L:285 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:17, <213>  
ORGANISM:Artificial  
L:285 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:17, <213>  
ORGANISM:Artificial  
L:285 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:17,Line#:285  
L:313 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:19, <213>  
ORGANISM:Artificial  
L:313 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:19, <213>  
ORGANISM:Artificial  
L:313 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:19,Line#:313  
L:324 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:20, <213>  
ORGANISM:Artificial  
L:324 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:20, <213>  
ORGANISM:Artificial  
L:324 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:20,Line#:324  
L:335 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:21, <213>  
ORGANISM:Artificial  
L:335 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:21, <213>  
ORGANISM:Artificial  
L:335 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:21,Line#:335  
L:371 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0  
L:397 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:25, <213>  
ORGANISM:Artificial  
L:397 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:25, <213>  
ORGANISM:Artificial  
L:397 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:25,Line#:397  
L:433 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0  
L:450 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0  
L:459 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:29, <213>  
ORGANISM:Artificial  
L:459 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:29, <213>  
ORGANISM:Artificial



L:459 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:29,Line#:459  
L:478 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0  
L:487 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:31, <213>  
ORGANISM:Artificial  
L:487 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:31, <213>  
ORGANISM:Artificial  
L:487 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:31,Line#:487  
L:506 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0  
L:515 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:33, <213>  
ORGANISM:Artificial  
L:515 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:33, <213>  
ORGANISM:Artificial  
L:515 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:33,Line#:515  
L:591 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0  
L:608 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:0

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TIME: 16:14:53

Input Set : A:\54275.8016.US01.ST25.txt

Output Set: N:\CRF4\07072004\J714343.raw

L:617 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:39, <213>  
ORGANISM:Artificial

L:617 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:39, <213>  
ORGANISM:Artificial

L:617 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:39,Line#:617

L:670 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0

L:679 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:43, <213>  
ORGANISM:Artificial

L:679 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:43, <213>  
ORGANISM:Artificial

L:679 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:43,Line#:679

L:698 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0

L:707 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:45, <213>  
ORGANISM:Artificial

L:707 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:45, <213>  
ORGANISM:Artificial

L:707 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:45,Line#:707

L:726 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:0